



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: As Needed Traffic Signal Contract FY 2015-16

Project ID: RDC0016077

Bids Opened: 11/24/2015

Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate					(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Minco Construction	(4) Steiny and Company, Inc.					
(1) Preliminary Bid Amount					\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,094,416.00					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	MOBILIZATION (STIPULATED UNIT PRICE OF \$1,000)	15	\$1,000.00	EA	\$15,000.00	\$1,000.00	\$15,000.00	\$1,000.00	\$15,000.00	\$1,000.00	\$15,000.00	\$1,000.00	\$15,000.00
2	ALLOWANCE FOR PAYMENT & PERFORMANCE BONDS (ALLOWANCE OF \$30,000)	30000	\$1.00	AL	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00
3	CITY PERMIT AND INSPECTION FEES (ALLOWANCE OF \$20,000)	20000	\$1.00	AL	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
4	SCE SERVICE FEE (ALLOWANCE OF \$45,000)	45000	\$1.00	AL	\$45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00	\$1.00	\$45,000.00
5	ROADWAY WORK (ALLOWANCE OF \$550,000)	550000	\$1.00	AL	\$550,000.00	\$1.00	\$550,000.00	\$1.00	\$550,000.00	\$1.00	\$550,000.00	\$1.00	\$550,000.00
6	UTILITY POTHoles (STIPULATED UNIT PRICE OF \$300)	100	\$300.00	EA	\$30,000.00	\$300.00	\$30,000.00	\$300.00	\$30,000.00	\$300.00	\$30,000.00	\$300.00	\$30,000.00
7	1" CONDUIT (SCH 80 PVC)	800	\$14.00	LF	\$11,200.00	\$10.00	\$8,000.00	\$12.00	\$9,600.00	\$14.00	\$11,200.00	\$6.00	\$4,800.00
8	1" CONDUIT (GRC)	200	\$30.00	LF	\$6,000.00	\$10.00	\$2,000.00	\$18.00	\$3,600.00	\$20.00	\$4,000.00	\$13.00	\$2,600.00
9	1-1/2" CONDUIT (SCH 80 PVC)	2750	\$15.00	LF	\$41,250.00	\$14.00	\$38,500.00	\$13.00	\$35,750.00	\$15.00	\$41,250.00	\$7.00	\$19,250.00
10	1-1/2" CONDUIT (GRC)	100	\$30.00	LF	\$3,000.00	\$18.00	\$1,800.00	\$25.00	\$2,500.00	\$50.00	\$5,000.00	\$21.00	\$2,100.00
11	2" CONDUIT (SCH 80 PVC)	7000	\$17.00	LF	\$119,000.00	\$18.00	\$126,000.00	\$20.00	\$140,000.00	\$17.00	\$119,000.00	\$6.40	\$44,800.00
12	2" CONDUIT (GRC)	100	\$34.00	LF	\$3,400.00	\$20.00	\$2,000.00	\$25.00	\$2,500.00	\$50.00	\$5,000.00	\$24.50	\$2,450.00
13	3" CONDUIT (SCH 80 PVC)	2750	\$30.00	LF	\$82,500.00	\$20.00	\$55,000.00	\$40.00	\$110,000.00	\$25.00	\$68,750.00	\$12.80	\$35,200.00
14	3" CONDUIT (GRC)	100	\$45.00	LF	\$4,500.00	\$30.00	\$3,000.00	\$35.00	\$3,500.00	\$70.00	\$7,000.00	\$52.00	\$5,200.00

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Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Electrical Engineering		(3) Minco Construction		(4) Steiny and Company, Inc.	
(1) Preliminary Bid Amount						\$2,550,732.00		\$2,716,600.00		\$2,984,500.00		\$3,094,416.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
15	1-PAIR DETECTOR LEAD-IN CABLE	3500	\$1.20	LF	\$4,200.00	\$0.80	\$2,800.00	\$0.60	\$2,100.00	\$1.50	\$5,250.00	\$1.00	\$3,500.00
16	2-PAIR DETECTOR LEAD-IN CABLE	8000	\$1.50	LF	\$12,000.00	\$1.20	\$9,600.00	\$1.25	\$10,000.00	\$1.50	\$12,000.00	\$1.20	\$9,600.00
17	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	5000	\$1.00	LF	\$5,000.00	\$1.00	\$5,000.00	\$1.50	\$7,500.00	\$1.50	\$7,500.00	\$1.90	\$9,500.00
18	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	2000	\$1.50	LF	\$3,000.00	\$1.30	\$2,600.00	\$1.75	\$3,500.00	\$2.00	\$4,000.00	\$1.30	\$2,600.00
19	8-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1000	\$2.75	LF	\$2,750.00	\$1.80	\$1,800.00	\$2.00	\$2,000.00	\$3.00	\$3,000.00	\$2.40	\$2,400.00
20	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	5000	\$2.90	LF	\$14,500.00	\$2.50	\$12,500.00	\$2.50	\$12,500.00	\$3.50	\$17,500.00	\$3.10	\$15,500.00
21	28-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1000	\$7.50	LF	\$7,500.00	\$4.00	\$4,000.00	\$5.00	\$5,000.00	\$7.00	\$7,000.00	\$7.60	\$7,600.00
22	WIRE #6	2500	\$1.40	LF	\$3,500.00	\$1.00	\$2,500.00	\$1.00	\$2,500.00	\$2.00	\$5,000.00	\$1.50	\$3,750.00
23	WIRE #8	3000	\$1.00	LF	\$3,000.00	\$0.95	\$2,850.00	\$0.90	\$2,700.00	\$1.50	\$4,500.00	\$1.10	\$3,300.00
24	WIRE #10	8000	\$0.85	LF	\$6,800.00	\$0.70	\$5,600.00	\$0.70	\$5,600.00	\$1.00	\$8,000.00	\$0.80	\$6,400.00
25	WIRE#12	1000	\$0.70	LF	\$700.00	\$0.60	\$600.00	\$0.60	\$600.00	\$1.00	\$1,000.00	\$0.70	\$700.00
26	NO. 5 PULL BOX INCL PCC COVER	20	\$600.00	EA	\$12,000.00	\$350.00	\$7,000.00	\$500.00	\$10,000.00	\$600.00	\$12,000.00	\$384.00	\$7,680.00
27	NO. 5 (T) PULL BOX INCL STEEL COVER	2	\$1,100.00	EA	\$2,200.00	\$600.00	\$1,200.00	\$650.00	\$1,300.00	\$1,000.00	\$2,000.00	\$968.00	\$1,936.00
28	NO. 6 PULL BOX INCL PCC COVER	40	\$700.00	EA	\$28,000.00	\$450.00	\$18,000.00	\$550.00	\$22,000.00	\$700.00	\$28,000.00	\$468.00	\$18,720.00
29	NO. 6 (T) PULL BOX INCL STEEL COVER	2	\$1,500.00	EA	\$3,000.00	\$800.00	\$1,600.00	\$650.00	\$1,300.00	\$1,500.00	\$3,000.00	\$1,122.00	\$2,244.00
30	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	9000	\$7.50	LF	\$67,500.00	\$7.00	\$63,000.00	\$7.50	\$67,500.00	\$10.00	\$90,000.00	\$8.40	\$75,600.00

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
31	1-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	5	\$8,000.00	EA	\$40,000.00	\$11,000.00	\$55,000.00	\$10,800.00	\$54,000.00	\$10,000.00	\$50,000.00	\$10,463.00	\$52,315.00
32	2-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	3	\$12,500.00	EA	\$37,500.00	\$17,000.00	\$51,000.00	\$16,500.00	\$49,500.00	\$15,000.00	\$45,000.00	\$17,136.00	\$51,408.00
33	3-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	3	\$17,000.00	EA	\$51,000.00	\$22,000.00	\$66,000.00	\$22,500.00	\$67,500.00	\$18,000.00	\$54,000.00	\$23,808.00	\$71,424.00
34	4-CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	5	\$22,000.00	EA	\$110,000.00	\$28,000.00	\$140,000.00	\$28,500.00	\$142,500.00	\$25,000.00	\$125,000.00	\$30,481.00	\$152,405.00
35	REINSTALL VIDEO DETECTION SYSTEM - 1 CAMERA	2	\$2,000.00	EA	\$4,000.00	\$1,800.00	\$3,600.00	\$1,700.00	\$3,400.00	\$2,000.00	\$4,000.00	\$1,482.00	\$2,964.00
36	RECONFIG VIDEO DETECTION ZONE - 1 CAMERA	5	\$1,100.00	EA	\$5,500.00	\$1,000.00	\$5,000.00	\$1,200.00	\$6,000.00	\$1,000.00	\$5,000.00	\$1,137.00	\$5,685.00
37	REMOVE PPB POST COMPLETE	22	\$200.00	EA	\$4,400.00	\$200.00	\$4,400.00	\$150.00	\$3,300.00	\$200.00	\$4,400.00	\$294.00	\$6,468.00
38	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	10	\$180.00	EA	\$1,800.00	\$200.00	\$2,000.00	\$200.00	\$2,000.00	\$100.00	\$1,000.00	\$188.00	\$1,880.00
39	REMOVE TYPE 15TS STANDARD (COMPLETE) (EXCL. FOUND.)	8	\$350.00	EA	\$2,800.00	\$250.00	\$2,000.00	\$350.00	\$2,800.00	\$200.00	\$1,600.00	\$251.00	\$2,008.00
40	REMOVE TYPE 16 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$400.00	EA	\$1,200.00	\$250.00	\$750.00	\$500.00	\$1,500.00	\$1,500.00	\$4,500.00	\$376.00	\$1,128.00
41	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	10	\$450.00	EA	\$4,500.00	\$250.00	\$2,500.00	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$376.00	\$3,760.00

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
42	REMOVE TYPE 18 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$450.00	EA	\$900.00	\$250.00	\$500.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00	\$376.00	\$752.00
43	REMOVE TYPE 19 STANDARD (COMPLETE) (EXCL. FOUND.)	4	\$500.00	EA	\$2,000.00	\$250.00	\$1,000.00	\$500.00	\$2,000.00	\$700.00	\$2,800.00	\$439.00	\$1,756.00
44	REMOVE TYPE 23 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$300.00	\$600.00	\$700.00	\$1,400.00	\$800.00	\$1,600.00	\$501.00	\$1,002.00
45	REMOVE TYPE 24 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$700.00	EA	\$2,100.00	\$300.00	\$900.00	\$750.00	\$2,250.00	\$900.00	\$2,700.00	\$564.00	\$1,692.00
46	REMOVE TYPE 26 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$700.00	EA	\$2,100.00	\$500.00	\$1,500.00	\$750.00	\$2,250.00	\$900.00	\$2,700.00	\$627.00	\$1,881.00
47	REMOVE TYPE 27 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$500.00	\$1,000.00	\$750.00	\$1,500.00	\$900.00	\$1,800.00	\$627.00	\$1,254.00
48	REMOVE TYPE 28 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$500.00	\$1,000.00	\$750.00	\$1,500.00	\$900.00	\$1,800.00	\$752.00	\$1,504.00
49	REMOVE TYPE 29 STANDARD (COMPLETE) (EXCL. FOUND.)	2	\$700.00	EA	\$1,400.00	\$500.00	\$1,000.00	\$750.00	\$1,500.00	\$900.00	\$1,800.00	\$752.00	\$1,504.00
50	REMOVE TYPE 60 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$800.00	EA	\$800.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$1,003.00	\$1,003.00
51	REMOVE TYPE 61 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$800.00	EA	\$800.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$1,003.00	\$1,003.00
52	TEMPORARY TYPE 1 STANDARD	2	\$2,500.00	EA	\$5,000.00	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00	\$2,000.00	\$4,000.00	\$3,734.00	\$7,468.00
53	TEMPORARY TYPE 15TS STANDARD	2	\$3,000.00	EA	\$6,000.00	\$1,800.00	\$3,600.00	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	\$5,131.00	\$10,262.00

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
54	TEMPORARY TYPE 16 STANDARD	2	\$4,000.00	EA	\$8,000.00	\$2,000.00	\$4,000.00	\$2,200.00	\$4,400.00	\$3,500.00	\$7,000.00	\$7,072.00	\$14,144.00
55	TEMPORARY TYPE 17 STANDARD	2	\$4,000.00	EA	\$8,000.00	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00	\$3,500.00	\$7,000.00	\$7,519.00	\$15,038.00
56	REMOVE SIGNAL 15' MAST ARM	5	\$100.00	EA	\$500.00	\$150.00	\$750.00	\$200.00	\$1,000.00	\$300.00	\$1,500.00	\$251.00	\$1,255.00
57	REMOVE SIGNAL 20' MAST ARM	3	\$100.00	EA	\$300.00	\$150.00	\$450.00	\$200.00	\$600.00	\$350.00	\$1,050.00	\$251.00	\$753.00
58	REMOVE SIGNAL 30' MAST ARM	5	\$150.00	EA	\$750.00	\$150.00	\$750.00	\$200.00	\$1,000.00	\$350.00	\$1,750.00	\$313.00	\$1,565.00
59	REMOVE SIGNAL 35' MAST ARM	5	\$200.00	EA	\$1,000.00	\$200.00	\$1,000.00	\$220.00	\$1,100.00	\$350.00	\$1,750.00	\$501.00	\$2,505.00
60	REMOVE SIGNAL 40' MAST ARM	2	\$250.00	EA	\$500.00	\$200.00	\$400.00	\$300.00	\$600.00	\$400.00	\$800.00	\$846.00	\$1,692.00
61	REMOVE 8' LUMINAIRE MAST ARM	5	\$90.00	EA	\$450.00	\$100.00	\$500.00	\$100.00	\$500.00	\$200.00	\$1,000.00	\$188.00	\$940.00
62	REMOVE 12' LUMINAIRE MAST ARM	5	\$90.00	EA	\$450.00	\$100.00	\$500.00	\$100.00	\$500.00	\$250.00	\$1,250.00	\$251.00	\$1,255.00
63	REMOVE LUMINAIRE	10	\$50.00	EA	\$500.00	\$50.00	\$500.00	\$40.00	\$400.00	\$100.00	\$1,000.00	\$63.00	\$630.00
64	REMOVE VEHICLE HEAD (COMPLETE)	20	\$50.00	EA	\$1,000.00	\$75.00	\$1,500.00	\$75.00	\$1,500.00	\$100.00	\$2,000.00	\$63.00	\$1,260.00
65	REMOVE PEDESTRIAN HEAD (COMPLETE)	20	\$50.00	EA	\$1,000.00	\$35.00	\$700.00	\$75.00	\$1,500.00	\$100.00	\$2,000.00	\$63.00	\$1,260.00
66	REMOVE PEDESTRIAN PUSH BUTTON	10	\$50.00	EA	\$500.00	\$30.00	\$300.00	\$60.00	\$600.00	\$100.00	\$1,000.00	\$63.00	\$630.00
67	REMOVE ILLUMINATED STREET NAME SIGN	10	\$100.00	EA	\$1,000.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00	\$200.00	\$2,000.00	\$125.00	\$1,250.00
68	REMOVE CONTROLLER CABINET COMPLETE	5	\$260.00	EA	\$1,300.00	\$200.00	\$1,000.00	\$250.00	\$1,250.00	\$500.00	\$2,500.00	\$376.00	\$1,880.00
69	REMOVE CONTROLLER CABINET FOUNDATION	5	\$460.00	EA	\$2,300.00	\$300.00	\$1,500.00	\$380.00	\$1,900.00	\$500.00	\$2,500.00	\$449.00	\$2,245.00
70	REMOVE SERVICE CABINET (COMPLETE)	3	\$200.00	EA	\$600.00	\$200.00	\$600.00	\$150.00	\$450.00	\$300.00	\$900.00	\$188.00	\$564.00

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71	REMOVE SERVICE CABINET FOUNDATION	3	\$400.00	EA	\$1,200.00	\$300.00	\$900.00	\$200.00	\$600.00	\$350.00	\$1,050.00	\$237.00	\$711.00
72	REMOVE ELECTRICAL SERVICE	5	\$200.00	EA	\$1,000.00	\$300.00	\$1,500.00	\$150.00	\$750.00	\$300.00	\$1,500.00	\$142.00	\$710.00
73	REMOVE PPB POST FOUNDATION	10	\$300.00	EA	\$3,000.00	\$200.00	\$2,000.00	\$200.00	\$2,000.00	\$300.00	\$3,000.00	\$94.00	\$940.00
74	REMOVE TYPE 1 FOUNDATION	10	\$350.00	EA	\$3,500.00	\$300.00	\$3,000.00	\$250.00	\$2,500.00	\$400.00	\$4,000.00	\$188.00	\$1,880.00
75	REMOVE TYPE 15TS FOUNDATION	8	\$550.00	EA	\$4,400.00	\$400.00	\$3,200.00	\$550.00	\$4,400.00	\$600.00	\$4,800.00	\$306.00	\$2,448.00
76	REMOVE TYPE 16 FOUNDATION	3	\$550.00	EA	\$1,650.00	\$400.00	\$1,200.00	\$700.00	\$2,100.00	\$500.00	\$1,500.00	\$486.00	\$1,458.00
77	REMOVE TYPE 17 FOUNDATION	10	\$550.00	EA	\$5,500.00	\$400.00	\$4,000.00	\$700.00	\$7,000.00	\$700.00	\$7,000.00	\$186.00	\$1,860.00
78	REMOVE TYPE 18 FOUNDATION	2	\$550.00	EA	\$1,100.00	\$400.00	\$800.00	\$700.00	\$1,400.00	\$700.00	\$1,400.00	\$548.00	\$1,096.00
79	REMOVE TYPE 19 FOUNDATION	4	\$550.00	EA	\$2,200.00	\$400.00	\$1,600.00	\$700.00	\$2,800.00	\$800.00	\$3,200.00	\$611.00	\$2,444.00
80	REMOVE TYPE 23 FOUNDATION	2	\$550.00	EA	\$1,100.00	\$500.00	\$1,000.00	\$750.00	\$1,500.00	\$800.00	\$1,600.00	\$611.00	\$1,222.00
81	REMOVE TYPE 24 FOUNDATION	3	\$550.00	EA	\$1,650.00	\$500.00	\$1,500.00	\$800.00	\$2,400.00	\$800.00	\$2,400.00	\$611.00	\$1,833.00
82	REMOVE TYPE 26 FOUNDATION	3	\$550.00	EA	\$1,650.00	\$500.00	\$1,500.00	\$800.00	\$2,400.00	\$800.00	\$2,400.00	\$736.00	\$2,208.00
83	REMOVE TYPE 27 FOUNDATION	2	\$550.00	EA	\$1,100.00	\$500.00	\$1,000.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$789.00	\$1,578.00
84	REMOVE TYPE 28 FOUNDATION	2	\$700.00	EA	\$1,400.00	\$600.00	\$1,200.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$1,645.00	\$3,290.00
85	REMOVE TYPE 29 FOUNDATION	2	\$700.00	EA	\$1,400.00	\$600.00	\$1,200.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$691.00	\$1,382.00
86	REMOVE TYPE 60 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,382.00	\$1,382.00
87	REMOVE TYPE 61 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,382.00	\$1,382.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
Bids Opened: 11/24/2015
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Minco Construction	(4) Steiny and Company, Inc.				
(1) Preliminary Bid Amount						\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,094,416.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
88	REMOVE 1 - CAMERA VIDEO DETECTION SYSTEM (COMPLETE)	8	\$150.00	EA	\$1,200.00	\$200.00	\$1,600.00	\$100.00	\$800.00	\$250.00	\$2,000.00	\$251.00	\$2,008.00
89	RELOCATE TYPE 332 CABINET (COMPLETE)	4	\$2,000.00	EA	\$8,000.00	\$800.00	\$3,200.00	\$2,100.00	\$8,400.00	\$2,000.00	\$8,000.00	\$2,624.00	\$10,496.00
90	RELOCATE VEHICLE HEAD (COMPLETE)	18	\$175.00	EA	\$3,150.00	\$100.00	\$1,800.00	\$150.00	\$2,700.00	\$300.00	\$5,400.00	\$33.00	\$594.00
91	RELOCATE PEDESTRIAN HEAD (COMPLETE)	3	\$170.00	EA	\$510.00	\$100.00	\$300.00	\$225.00	\$675.00	\$300.00	\$900.00	\$219.00	\$657.00
92	RELOCATE PEDESTRIAN PUSH BUTTON	3	\$150.00	EA	\$450.00	\$100.00	\$300.00	\$125.00	\$375.00	\$300.00	\$900.00	\$188.00	\$564.00
93	RELOCATE RETRO REFLECTIVE STREET NAME SIGN	4	\$300.00	EA	\$1,200.00	\$200.00	\$800.00	\$250.00	\$1,000.00	\$400.00	\$1,600.00	\$376.00	\$1,504.00
94	TEMPORARY CONTROLLER	3	\$1,000.00	EA	\$3,000.00	\$800.00	\$2,400.00	\$1,000.00	\$3,000.00	\$2,000.00	\$6,000.00	\$8,749.00	\$26,247.00
95	FURNISH TYPE 170 CONTROLLER - ATC- HC11	10	\$2,000.00	EA	\$20,000.00	\$2,000.00	\$20,000.00	\$2,050.00	\$20,500.00	\$2,200.00	\$22,000.00	\$19,077.00	\$190,770.00
96	INSTALL TYPE 170 ATC/ HC-11 CONTROLLER	10	\$500.00	EA	\$5,000.00	\$200.00	\$2,000.00	\$175.00	\$1,750.00	\$1,000.00	\$10,000.00	\$1,799.00	\$17,990.00
97	FURNISH TYPE 2070 CONTROLLER (LA CITY SPEC)	4	\$5,000.00	EA	\$20,000.00	\$2,900.00	\$11,600.00	\$3,750.00	\$15,000.00	\$3,000.00	\$12,000.00	\$6,950.00	\$27,800.00
98	INSTALL TYPE 2070 CONTROLLER (LA CITY SPEC)	4	\$500.00	EA	\$2,000.00	\$200.00	\$800.00	\$175.00	\$700.00	\$1,000.00	\$4,000.00	\$1,799.00	\$7,196.00
99	GPS UTB UNIT AND ANTENNA	15	\$1,250.00	EA	\$18,750.00	\$1,400.00	\$21,000.00	\$1,275.00	\$19,125.00	\$1,500.00	\$22,500.00	\$2,095.00	\$31,425.00
100	SWITCH PACK	30	\$45.00	EA	\$1,350.00	\$24.00	\$720.00	\$35.00	\$1,050.00	\$100.00	\$3,000.00	\$24.00	\$720.00
101	PED ISOLATION MODULE	20	\$65.00	EA	\$1,300.00	\$35.00	\$700.00	\$50.00	\$1,000.00	\$100.00	\$2,000.00	\$36.00	\$720.00
102	2-CHANNEL ILD SENSOR UNIT	30	\$110.00	EA	\$3,300.00	\$85.00	\$2,550.00	\$80.00	\$2,400.00	\$100.00	\$3,000.00	\$86.00	\$2,580.00
103	4-CHANNEL ILD SENSOR UNIT	5	\$1,300.00	EA	\$6,500.00	\$235.00	\$1,175.00	\$1,200.00	\$6,000.00	\$1,000.00	\$5,000.00	\$238.00	\$1,190.00
104	FURNISH TYPE 332 CABINET	10	\$12,170.00	EA	\$121,700.00	\$6,246.00	\$62,460.00	\$7,200.00	\$72,000.00	\$8,000.00	\$80,000.00	\$6,297.00	\$62,970.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
Bids Opened: 11/24/2015
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Minco Construction	(4) Steiny and Company, Inc.				
(1) Preliminary Bid Amount						\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,094,416.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
105	INSTALL TYPE 332 CABINET	10	\$800.00	EA	\$8,000.00	\$900.00	\$9,000.00	\$900.00	\$9,000.00	\$1,500.00	\$15,000.00	\$501.00	\$5,010.00
106	TYPE 332 CABINET FOUNDATION	10	\$1,000.00	EA	\$10,000.00	\$800.00	\$8,000.00	\$850.00	\$8,500.00	\$1,000.00	\$10,000.00	\$1,373.00	\$13,730.00
107	FURNISH TYPE III-BF SERVICE CABINET	10	\$2,400.00	EA	\$24,000.00	\$3,000.00	\$30,000.00	\$2,850.00	\$28,500.00	\$3,300.00	\$33,000.00	\$3,159.00	\$31,590.00
108	FURNISH TYPE III-BF SERVICE CABINET W/BBS	3	\$7,000.00	EA	\$21,000.00	\$8,700.00	\$26,100.00	\$9,800.00	\$29,400.00	\$10,000.00	\$30,000.00	\$12,364.00	\$37,092.00
109	INSTALL TYPE III-BF SERVICE CABINET	10	\$500.00	EA	\$5,000.00	\$250.00	\$2,500.00	\$350.00	\$3,500.00	\$1,000.00	\$10,000.00	\$917.00	\$9,170.00
110	INSTALL TYPE III-BF SERVICE CABINET W/BBS	3	\$750.00	EA	\$2,250.00	\$300.00	\$900.00	\$450.00	\$1,350.00	\$1,000.00	\$3,000.00	\$2,463.00	\$7,389.00
111	TYPE III-BF SERVICE CABINET FOUNDATION	10	\$550.00	EA	\$5,500.00	\$500.00	\$5,000.00	\$600.00	\$6,000.00	\$1,000.00	\$10,000.00	\$597.00	\$5,970.00
112	TYPE III-BF CABINET W/BBS FOUNDATION	3	\$600.00	EA	\$1,800.00	\$550.00	\$1,650.00	\$650.00	\$1,950.00	\$1,000.00	\$3,000.00	\$584.00	\$1,752.00
113	MODIFY TYPE III-BF SERVICE FOR BATTERY BACK UP	5	\$1,500.00	EA	\$7,500.00	\$3,300.00	\$16,500.00	\$4,500.00	\$22,500.00	\$5,000.00	\$25,000.00	\$1,550.00	\$7,750.00
114	RELOCATE TYPE III-BF SERVICE	5	\$1,100.00	EA	\$5,500.00	\$600.00	\$3,000.00	\$500.00	\$2,500.00	\$1,000.00	\$5,000.00	\$1,342.00	\$6,710.00
115	FURNISH PEDESTRIAN PUSH BUTTON POST W/ ANCHOR BOLTS	10	\$250.00	EA	\$2,500.00	\$410.00	\$4,100.00	\$450.00	\$4,500.00	\$1,000.00	\$10,000.00	\$400.00	\$4,000.00
116	FURNISH TYPE 1 STANDARD W/ ANCHOR BOLTS	5	\$360.00	EA	\$1,800.00	\$480.00	\$2,400.00	\$480.00	\$2,400.00	\$1,000.00	\$5,000.00	\$811.00	\$4,055.00
117	FURNISH TYPE 15TS STANDARD W/ ANCHOR BOLTS	10	\$1,265.00	EA	\$12,650.00	\$1,650.00	\$16,500.00	\$1,700.00	\$17,000.00	\$2,200.00	\$22,000.00	\$1,845.00	\$18,450.00
118	FURNISH TYPE 15TS STANDARD W/ ANCHOR BOLTS (MODIFIED TO HEIGHT OF 20 FEET)	10	\$850.00	EA	\$8,500.00	\$1,650.00	\$16,500.00	\$1,700.00	\$17,000.00	\$2,200.00	\$22,000.00	\$1,845.00	\$18,450.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
Bids Opened: 11/24/2015
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate					(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Minco Construction	(4) Steiny and Company, Inc.					
(1) Preliminary Bid Amount					\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,094,416.00					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
119	FURNISH TYPE 16 STANDARD W/ ANCHOR BOLTS	4	\$3,550.00	EA	\$14,200.00	\$2,500.00	\$10,000.00	\$2,550.00	\$10,200.00	\$3,000.00	\$12,000.00	\$3,812.00	\$15,248.00
120	FURNISH TYPE 17 STANDARD W/ ANCHOR BOLTS	5	\$3,650.00	EA	\$18,250.00	\$2,900.00	\$14,500.00	\$3,000.00	\$15,000.00	\$3,200.00	\$16,000.00	\$4,258.00	\$21,290.00
121	FURNISH TYPE 18 STANDARD W/ ANCHOR BOLTS	4	\$3,950.00	EA	\$15,800.00	\$4,100.00	\$16,400.00	\$4,300.00	\$17,200.00	\$4,500.00	\$18,000.00	\$4,024.00	\$16,096.00
122	FURNISH TYPE 19 STANDARD W/ ANCHOR BOLTS	8	\$4,200.00	EA	\$33,600.00	\$5,100.00	\$40,800.00	\$5,350.00	\$42,800.00	\$5,500.00	\$44,000.00	\$4,867.00	\$38,936.00
123	FURNISH TYPE 23 STANDARD W/ ANCHOR BOLTS	2	\$4,100.00	EA	\$8,200.00	\$4,270.00	\$8,540.00	\$4,500.00	\$9,000.00	\$4,700.00	\$9,400.00	\$4,756.00	\$9,512.00
124	FURNISH TYPE 24 STANDARD W/ ANCHOR BOLTS	5	\$4,200.00	EA	\$21,000.00	\$5,200.00	\$26,000.00	\$5,600.00	\$28,000.00	\$5,600.00	\$28,000.00	\$5,126.00	\$25,630.00
125	FURNISH TYPE 26 STANDARD W/ ANCHOR BOLTS	8	\$5,100.00	EA	\$40,800.00	\$5,660.00	\$45,280.00	\$6,000.00	\$48,000.00	\$6,000.00	\$48,000.00	\$6,447.00	\$51,576.00
126	FURNISH TYPE 27 STANDARD W/ ANCHOR BOLTS	4	\$5,000.00	EA	\$20,000.00	\$4,810.00	\$19,240.00	\$5,200.00	\$20,800.00	\$5,200.00	\$20,800.00	\$5,840.00	\$23,360.00
127	FURNISH TYPE 28 STANDARD W/ ANCHOR BOLTS	2	\$5,000.00	EA	\$10,000.00	\$5,007.00	\$10,014.00	\$5,300.00	\$10,600.00	\$5,300.00	\$10,600.00	\$5,841.00	\$11,682.00
128	FURNISH TYPE 29 STANDARD W/ ANCHOR BOLTS	2	\$5,200.00	EA	\$10,400.00	\$5,860.00	\$11,720.00	\$6,200.00	\$12,400.00	\$6,000.00	\$12,000.00	\$6,353.00	\$12,706.00
129	FURNISH TYPE 60 STANDARD W/ ANCHOR BOLTS	2	\$5,000.00	EA	\$10,000.00	\$6,508.00	\$13,016.00	\$7,000.00	\$14,000.00	\$7,000.00	\$14,000.00	\$6,669.00	\$13,338.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
Bids Opened: 11/24/2015
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Electrical Engineering		(3) Minco Construction		(4) Steiny and Company, Inc.	
(1) Preliminary Bid Amount						\$2,550,732.00		\$2,716,600.00		\$2,984,500.00		\$3,094,416.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
130	FURNISH TYPE 61 STANDARD W/ ANCHOR BOLTS	2	\$5,800.00	EA	\$11,600.00	\$7,500.00	\$15,000.00	\$8,050.00	\$16,100.00	\$8,000.00	\$16,000.00	\$7,255.00	\$14,510.00
131	INSTALL PEDESTRIAN PUSH BUTTON POST	10	\$100.00	EA	\$1,000.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$200.00	\$2,000.00	\$524.00	\$5,240.00
132	INSTALL TYPE 1 STANDARD	10	\$250.00	EA	\$2,500.00	\$200.00	\$2,000.00	\$250.00	\$2,500.00	\$300.00	\$3,000.00	\$687.00	\$6,870.00
133	INSTALL TYPE 15TS STANDARD	20	\$700.00	EA	\$14,000.00	\$360.00	\$7,200.00	\$400.00	\$8,000.00	\$1,000.00	\$20,000.00	\$689.00	\$13,780.00
134	INSTALL TYPE 16 STANDARD	4	\$700.00	EA	\$2,800.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$1,000.00	\$4,000.00	\$877.00	\$3,508.00
135	INSTALL TYPE 17 STANDARD	5	\$750.00	EA	\$3,750.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00	\$1,000.00	\$5,000.00	\$877.00	\$4,385.00
136	INSTALL TYPE 18 STANDARD	4	\$750.00	EA	\$3,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$1,000.00	\$4,000.00	\$1,003.00	\$4,012.00
137	INSTALL TYPE 19 STANDARD	10	\$750.00	EA	\$7,500.00	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$1,000.00	\$10,000.00	\$1,253.00	\$12,530.00
138	INSTALL TYPE 23 STANDARD	2	\$750.00	EA	\$1,500.00	\$600.00	\$1,200.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$1,504.00	\$3,008.00
139	INSTALL TYPE 24 STANDARD	10	\$850.00	EA	\$8,500.00	\$600.00	\$6,000.00	\$700.00	\$7,000.00	\$1,000.00	\$10,000.00	\$1,755.00	\$17,550.00
140	INSTALL TYPE 26 STANDARD	10	\$850.00	EA	\$8,500.00	\$600.00	\$6,000.00	\$700.00	\$7,000.00	\$1,000.00	\$10,000.00	\$1,754.00	\$17,540.00
141	INSTALL TYPE 27 STANDARD	4	\$850.00	EA	\$3,400.00	\$700.00	\$2,800.00	\$750.00	\$3,000.00	\$1,500.00	\$6,000.00	\$1,817.00	\$7,268.00
142	INSTALL TYPE 28 STANDARD	2	\$900.00	EA	\$1,800.00	\$700.00	\$1,400.00	\$800.00	\$1,600.00	\$1,500.00	\$3,000.00	\$1,817.00	\$3,634.00
143	INSTALL TYPE 29 STANDARD	2	\$1,000.00	EA	\$2,000.00	\$700.00	\$1,400.00	\$900.00	\$1,800.00	\$1,500.00	\$3,000.00	\$2,068.00	\$4,136.00
144	INSTALL TYPE 60 STANDARD	2	\$1,500.00	EA	\$3,000.00	\$800.00	\$1,600.00	\$900.00	\$1,800.00	\$1,500.00	\$3,000.00	\$3,133.00	\$6,266.00
145	INSTALL TYPE 61 STANDARD	2	\$1,500.00	EA	\$3,000.00	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$3,259.00	\$6,518.00
146	PEDESTRIAN PUSH BUTTON POST FOUNDATION	10	\$400.00	EA	\$4,000.00	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$1,000.00	\$10,000.00	\$103.00	\$1,030.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
Bids Opened: 11/24/2015
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Minco Construction	(4) Steiny and Company, Inc.				
(1) Preliminary Bid Amount						\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,094,416.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
147	TYPE 1 STANDARD FOUNDATION	10	\$1,000.00	EA	\$10,000.00	\$720.00	\$7,200.00	\$900.00	\$9,000.00	\$1,000.00	\$10,000.00	\$176.00	\$1,760.00
148	TYPE 15TS STANDARD FOUNDATION	20	\$2,400.00	EA	\$48,000.00	\$2,000.00	\$40,000.00	\$1,800.00	\$36,000.00	\$2,000.00	\$40,000.00	\$2,028.00	\$40,560.00
149	TYPE 16 STANDARD FOUNDATION	4	\$3,000.00	EA	\$12,000.00	\$2,100.00	\$8,400.00	\$2,000.00	\$8,000.00	\$2,500.00	\$10,000.00	\$2,208.00	\$8,832.00
150	TYPE 17 STANDARD FOUNDATION	5	\$3,000.00	EA	\$15,000.00	\$2,100.00	\$10,500.00	\$2,300.00	\$11,500.00	\$2,500.00	\$12,500.00	\$2,284.00	\$11,420.00
151	TYPE 18 STANDARD FOUNDATION	4	\$3,500.00	EA	\$14,000.00	\$2,100.00	\$8,400.00	\$2,500.00	\$10,000.00	\$2,500.00	\$10,000.00	\$2,733.00	\$10,932.00
152	TYPE 19 STANDARD FOUNDATION	10	\$4,000.00	EA	\$40,000.00	\$3,100.00	\$31,000.00	\$2,800.00	\$28,000.00	\$3,000.00	\$30,000.00	\$2,600.00	\$26,000.00
153	TYPE 23 STANDARD FOUNDATION	2	\$4,000.00	EA	\$8,000.00	\$3,100.00	\$6,200.00	\$2,900.00	\$5,800.00	\$3,500.00	\$7,000.00	\$3,530.00	\$7,060.00
154	TYPE 24 STANDARD FOUNDATION	10	\$4,000.00	EA	\$40,000.00	\$3,100.00	\$31,000.00	\$3,200.00	\$32,000.00	\$4,000.00	\$40,000.00	\$3,781.00	\$37,810.00
155	TYPE 26 STANDARD FOUNDATION	10	\$5,500.00	EA	\$55,000.00	\$3,500.00	\$35,000.00	\$3,600.00	\$36,000.00	\$4,000.00	\$40,000.00	\$4,724.00	\$47,240.00
156	TYPE 27 STANDARD FOUNDATION	4	\$5,500.00	EA	\$22,000.00	\$3,500.00	\$14,000.00	\$3,600.00	\$14,400.00	\$5,000.00	\$20,000.00	\$4,535.00	\$18,140.00
157	TYPE 28 STANDARD FOUNDATION	2	\$5,500.00	EA	\$11,000.00	\$3,500.00	\$7,000.00	\$3,800.00	\$7,600.00	\$5,000.00	\$10,000.00	\$6,612.00	\$13,224.00
158	TYPE 29 STANDARD FOUNDATION	2	\$5,500.00	EA	\$11,000.00	\$3,500.00	\$7,000.00	\$5,000.00	\$10,000.00	\$5,500.00	\$11,000.00	\$7,364.00	\$14,728.00
159	TYPE 60 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$3,800.00	\$7,600.00	\$5,000.00	\$10,000.00	\$6,000.00	\$12,000.00	\$9,863.00	\$19,726.00
160	TYPE 61 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$3,800.00	\$7,600.00	\$5,000.00	\$10,000.00	\$6,000.00	\$12,000.00	\$6,769.00	\$13,538.00
161	FURNISH 15' SIGNAL MAST ARM WITH MOUNTING BOLTS	2	\$1,075.00	EA	\$2,150.00	\$1,060.00	\$2,120.00	\$1,150.00	\$2,300.00	\$2,000.00	\$4,000.00	\$1,447.00	\$2,894.00
162	FURNISH 20' SIGNAL MAST ARM WITH MOUNTING BOLTS	4	\$1,275.00	EA	\$5,100.00	\$1,100.00	\$4,400.00	\$1,180.00	\$4,720.00	\$2,000.00	\$8,000.00	\$1,629.00	\$6,516.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
Bids Opened: 11/24/2015
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Minco Construction	(4) Steiny and Company, Inc.				
(1) Preliminary Bid Amount						\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,094,416.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
163	FURNISH 25' SIGNAL MAST ARM WITH MOUNTING BOLTS	3	\$1,475.00	EA	\$4,425.00	\$1,650.00	\$4,950.00	\$1,750.00	\$5,250.00	\$2,000.00	\$6,000.00	\$1,970.00	\$5,910.00
164	FURNISH 30' SIGNAL MAST ARM WITH MOUNTING BOLTS	5	\$1,675.00	EA	\$8,375.00	\$1,738.00	\$8,690.00	\$1,830.00	\$9,150.00	\$2,000.00	\$10,000.00	\$2,104.00	\$10,520.00
165	FURNISH 35' SIGNAL MAST ARM WITH MOUNTING BOLTS	5	\$1,875.00	EA	\$9,375.00	\$1,900.00	\$9,500.00	\$2,000.00	\$10,000.00	\$3,000.00	\$15,000.00	\$2,119.00	\$10,595.00
166	FURNISH 40' SIGNAL MAST ARM WITH MOUNTING BOLTS	5	\$2,245.00	EA	\$11,225.00	\$1,923.00	\$9,615.00	\$2,020.00	\$10,100.00	\$3,000.00	\$15,000.00	\$2,322.00	\$11,610.00
167	FURNISH 45' SIGNAL MAST ARM WITH MOUNTING BOLTS	3	\$2,400.00	EA	\$7,200.00	\$2,186.00	\$6,558.00	\$2,300.00	\$6,900.00	\$2,500.00	\$7,500.00	\$3,073.00	\$9,219.00
168	FURNISH 50' SIGNAL MAST ARM WITH MOUNTING BOLTS	1	\$3,300.00	EA	\$3,300.00	\$3,063.00	\$3,063.00	\$3,500.00	\$3,500.00	\$400.00	\$400.00	\$4,275.00	\$4,275.00
169	FURNISH 55' SIGNAL MAST ARM WITH MOUNTING BOLTS	2	\$3,300.00	EA	\$6,600.00	\$3,146.00	\$6,292.00	\$3,300.00	\$6,600.00	\$4,200.00	\$8,400.00	\$9,550.00	\$19,100.00
170	FURNISH 60' SIGNAL MAST ARM WITH MOUNTING BOLTS	2	\$4,500.00	EA	\$9,000.00	\$6,800.00	\$13,600.00	\$7,200.00	\$14,400.00	\$7,500.00	\$15,000.00	\$10,964.00	\$21,928.00
171	FURNISH 65' SIGNAL MAST ARM WITH MOUNTING BOLTS	1	\$5,300.00	EA	\$5,300.00	\$8,100.00	\$8,100.00	\$8,500.00	\$8,500.00	\$8,500.00	\$8,500.00	\$11,009.00	\$11,009.00
172	INSTALL 15' SIGNAL MAST ARM	2	\$250.00	EA	\$500.00	\$250.00	\$500.00	\$375.00	\$750.00	\$500.00	\$1,000.00	\$501.00	\$1,002.00
173	INSTALL 20' SIGNAL MAST ARM	4	\$300.00	EA	\$1,200.00	\$250.00	\$1,000.00	\$375.00	\$1,500.00	\$500.00	\$2,000.00	\$501.00	\$2,004.00
174	INSTALL 25' SIGNAL MAST ARM	5	\$300.00	EA	\$1,500.00	\$250.00	\$1,250.00	\$475.00	\$2,375.00	\$750.00	\$3,750.00	\$627.00	\$3,135.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
Bids Opened: 11/24/2015
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Minco Construction	(4) Steiny and Company, Inc.				
(1) Preliminary Bid Amount						\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,094,416.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
175	INSTALL 30' SIGNAL MAST ARM	7	\$400.00	EA	\$2,800.00	\$250.00	\$1,750.00	\$475.00	\$3,325.00	\$750.00	\$5,250.00	\$627.00	\$4,389.00
176	INSTALL 35' SIGNAL MAST ARM	7	\$500.00	EA	\$3,500.00	\$250.00	\$1,750.00	\$475.00	\$3,325.00	\$750.00	\$5,250.00	\$752.00	\$5,264.00
177	INSTALL 40' SIGNAL MAST ARM	5	\$550.00	EA	\$2,750.00	\$250.00	\$1,250.00	\$500.00	\$2,500.00	\$750.00	\$3,750.00	\$752.00	\$3,760.00
178	INSTALL 45' SIGNAL MAST ARM	5	\$600.00	EA	\$3,000.00	\$250.00	\$1,250.00	\$500.00	\$2,500.00	\$750.00	\$3,750.00	\$1,003.00	\$5,015.00
179	INSTALL 50' SIGNAL MAST ARM	1	\$750.00	EA	\$750.00	\$250.00	\$250.00	\$700.00	\$700.00	\$1,000.00	\$1,000.00	\$1,003.00	\$1,003.00
180	INSTALL 55' SIGNAL MAST ARM	2	\$800.00	EA	\$1,600.00	\$250.00	\$500.00	\$700.00	\$1,400.00	\$1,000.00	\$2,000.00	\$1,253.00	\$2,506.00
181	INSTALL 60' SIGNAL MAST ARM	3	\$1,000.00	EA	\$3,000.00	\$500.00	\$1,500.00	\$850.00	\$2,550.00	\$1,250.00	\$3,750.00	\$1,253.00	\$3,759.00
182	INSTALL 65' SIGNAL MAST ARM	4	\$1,100.00	EA	\$4,400.00	\$500.00	\$2,000.00	\$850.00	\$3,400.00	\$2,000.00	\$8,000.00	\$1,506.00	\$6,024.00
183	FURNISH 8' LUMINAIRE MAST ARM WITH MOUNTING BOLTS	5	\$350.00	EA	\$1,750.00	\$165.00	\$825.00	\$170.00	\$850.00	\$500.00	\$2,500.00	\$550.00	\$2,750.00
184	FURNISH 8' STRAIGHT LUMINAIRE MAST ARM WITH MOUNTING BOLTS	4	\$350.00	EA	\$1,400.00	\$165.00	\$660.00	\$170.00	\$680.00	\$500.00	\$2,000.00	\$550.00	\$2,200.00
185	FURNISH 12' LUMINAIRE MAST ARM WITH MOUNTING BOLTS	7	\$400.00	EA	\$2,800.00	\$250.00	\$1,750.00	\$275.00	\$1,925.00	\$600.00	\$4,200.00	\$550.00	\$3,850.00
186	FURNISH 12' STRAIGHT LUMINAIRE MAST ARM WITH MOUNTING BOLTS	4	\$400.00	EA	\$1,600.00	\$250.00	\$1,000.00	\$275.00	\$1,100.00	\$600.00	\$2,400.00	\$550.00	\$2,200.00
187	FURNISH 15' LUMINAIRE MAST ARM WITH MOUNTING BOLTS	8	\$450.00	EA	\$3,600.00	\$250.00	\$2,000.00	\$320.00	\$2,560.00	\$600.00	\$4,800.00	\$569.00	\$4,552.00
188	INSTALL 8' LUMINAIRE MAST ARM	12	\$100.00	EA	\$1,200.00	\$165.00	\$1,980.00	\$150.00	\$1,800.00	\$200.00	\$2,400.00	\$351.00	\$4,212.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
Bids Opened: 11/24/2015
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Electrical Engineering		(3) Minco Construction		(4) Steiny and Company, Inc.	
(1) Preliminary Bid Amount						\$2,550,732.00		\$2,716,600.00		\$2,984,500.00		\$3,094,416.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
189	INSTALL 12' LUMINAIRE MAST ARM	15	\$100.00	EA	\$1,500.00	\$250.00	\$3,750.00	\$150.00	\$2,250.00	\$200.00	\$3,000.00	\$251.00	\$3,765.00
190	INSTALL 15' LUMINAIRE MAST ARM	8	\$100.00	EA	\$800.00	\$250.00	\$2,000.00	\$175.00	\$1,400.00	\$200.00	\$1,600.00	\$376.00	\$3,008.00
191	LED LUMINAIRES (100W HPS EQUIVALENT)	5	\$450.00	EA	\$2,250.00	\$400.00	\$2,000.00	\$275.00	\$1,375.00	\$500.00	\$2,500.00	\$750.00	\$3,750.00
192	LED LUMINAIRES (150W HPS EQUIVALENT)	10	\$500.00	EA	\$5,000.00	\$440.00	\$4,400.00	\$320.00	\$3,200.00	\$500.00	\$5,000.00	\$750.00	\$7,500.00
193	LED LUMINAIRES (200W HPS EQUIVALENT)	20	\$500.00	EA	\$10,000.00	\$525.00	\$10,500.00	\$400.00	\$8,000.00	\$500.00	\$10,000.00	\$750.00	\$15,000.00
194	LED LUMINAIRES (250W HPS EQUIVALENT)	20	\$500.00	EA	\$10,000.00	\$735.00	\$14,700.00	\$600.00	\$12,000.00	\$650.00	\$13,000.00	\$972.00	\$19,440.00
195	PEDESTRIAN PUSH BUTTON	20	\$200.00	EA	\$4,000.00	\$170.00	\$3,400.00	\$60.00	\$1,200.00	\$200.00	\$4,000.00	\$207.00	\$4,140.00
196	PEDESTRIAN PUSH BUTTON PLATE	20	\$25.00	EA	\$500.00	\$70.00	\$1,400.00	\$13.00	\$260.00	\$200.00	\$4,000.00	\$83.00	\$1,660.00
197	APS PPB WITH SPECIAL VOICE MESSAGE	24	\$900.00	EA	\$21,600.00	\$670.00	\$16,080.00	\$570.00	\$13,680.00	\$700.00	\$16,800.00	\$1,272.00	\$30,528.00
198	CENTRAL CONTROLLER UNIT APS	4	\$3,600.00	EA	\$14,400.00	\$3,500.00	\$14,000.00	\$3,275.00	\$13,100.00	\$4,000.00	\$16,000.00	\$4,482.00	\$17,928.00
199	RETROREFLECTIVE STREET NAME SIGN	15	\$770.00	EA	\$11,550.00	\$920.00	\$13,800.00	\$770.00	\$11,550.00	\$1,000.00	\$15,000.00	\$965.00	\$14,475.00
200	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	15	\$1,300.00	EA	\$19,500.00	\$2,080.00	\$31,200.00	\$1,900.00	\$28,500.00	\$2,000.00	\$30,000.00	\$1,217.00	\$18,255.00
201	1-12" LED YELLOW FLASHER	12	\$450.00	EA	\$5,400.00	\$700.00	\$8,400.00	\$560.00	\$6,720.00	\$600.00	\$7,200.00	\$283.00	\$3,396.00
202	3-12" LED VEHICLE HEAD (COMPLETE)	40	\$800.00	EA	\$32,000.00	\$600.00	\$24,000.00	\$525.00	\$21,000.00	\$600.00	\$24,000.00	\$776.00	\$31,040.00
203	4-12" LED VEHICLE HEAD (COMPLETE)	4	\$800.00	EA	\$3,200.00	\$750.00	\$3,000.00	\$620.00	\$2,480.00	\$700.00	\$2,800.00	\$896.00	\$3,584.00
204	5-12" LED VEHICLE HEAD (COMPLETE)	8	\$1,000.00	EA	\$8,000.00	\$812.00	\$6,496.00	\$700.00	\$5,600.00	\$800.00	\$6,400.00	\$1,066.00	\$8,528.00
205	3-SECTION PV LED VEHICLE HEAD (COMPLETE)	4	\$2,000.00	EA	\$8,000.00	\$2,277.00	\$9,108.00	\$2,050.00	\$8,200.00	\$2,500.00	\$10,000.00	\$3,467.00	\$13,868.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
Bids Opened: 11/24/2015
Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Minco Construction	(4) Steiny and Company, Inc.				
(1) Preliminary Bid Amount						\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,094,416.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
206	FURNISH AND INSTALL SIGNAL MOUNTING BRACKET	10	\$200.00	EA	\$2,000.00	\$290.00	\$2,900.00	\$300.00	\$3,000.00	\$400.00	\$4,000.00	\$385.00	\$3,850.00
207	LED PEDESTRIAN HEAD (COMPLETE)	10	\$500.00	EA	\$5,000.00	\$500.00	\$5,000.00	\$400.00	\$4,000.00	\$500.00	\$5,000.00	\$706.00	\$7,060.00
208	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	40	\$600.00	EA	\$24,000.00	\$492.00	\$19,680.00	\$500.00	\$20,000.00	\$500.00	\$20,000.00	\$692.00	\$27,680.00
209	LED BLANK-OUT SIGN (NO RIGHT/LEFT TURN)	4	\$6,000.00	EA	\$24,000.00	\$3,400.00	\$13,600.00	\$3,500.00	\$14,000.00	\$5,000.00	\$20,000.00	\$4,962.00	\$19,848.00
210	HANDHOLE - HH-1 (10.5"X 17"X 12") SCE	33	\$400.00	EA	\$13,200.00	\$100.00	\$3,300.00	\$150.00	\$4,950.00	\$500.00	\$16,500.00	\$238.00	\$7,854.00
211	HANDHOLE - HH-2 (10.5"X 17"X 24") SCE	10	\$500.00	EA	\$5,000.00	\$100.00	\$1,000.00	\$150.00	\$1,500.00	\$600.00	\$6,000.00	\$365.00	\$3,650.00
212	HANDHOLE - HH-3 (13"X 24"X 12") SCE	2	\$500.00	EA	\$1,000.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$357.00	\$714.00
213	HANDHOLE - HH-4 (13"X 24"X 24") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$512.00	\$1,024.00
214	HANDHOLE - HH-5 (17"X 30"X 12") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$480.00	\$960.00
215	HANDHOLE - HH-6 (17"X 30"X 24") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$654.00	\$1,308.00
216	HANDHOLE - HH-7 (10.5"X 17"X 12") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$278.00	\$556.00
217	HANDHOLE - HH-8 (13"X 24"X 15") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$360.00	\$720.00
218	HANDHOLE - HH-9 (17"X 30"X 15") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$481.00	\$962.00
219	HANDHOLE - HH-10 (13"X 24"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$539.00	\$1,078.00
220	HANDHOLE - HH-11 (17"X 30"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$615.00	\$1,230.00
221	HANDHOLE - HH-12 (17"X 30"X 30") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$890.00	\$1,780.00

Project Name: As Needed Traffic Signal Contract FY 2015-16
Project ID: RDC0016077
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Office Engineer: Robert Eisenhamer 626-458-3155

Addenda: 1
Duration: 365 Calendar Day(s)

Engineer's Estimate					(1) Elecnor Belco Electric, Inc.	(2) California Professional Electrical Engineering	(3) Minco Construction	(4) Steiny and Company, Inc.					
(1) Preliminary Bid Amount					\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,094,416.00					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
222	HANDHOLE - HH-13 (13"X 24"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$600.00	\$1,200.00	\$575.00	\$1,150.00
223	HANDHOLE - HH-14 (17"X 30"X 18") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$700.00	\$1,400.00	\$758.00	\$1,516.00
224	HANDHOLE - HH-15 (17"X 30"X 30") SCE	2	\$600.00	EA	\$1,200.00	\$100.00	\$200.00	\$150.00	\$300.00	\$700.00	\$1,400.00	\$1,057.00	\$2,114.00
Unit Price Total					\$2,770,710.00	\$2,550,732.00	\$2,716,600.00	\$2,984,500.00	\$3,091,444.00				
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00	\$50,000.00	\$0.00	\$0.00			
(4) LSBE Adjusted Amount							\$2,550,732.00	\$2,666,600.00	\$2,984,500.00	\$3,091,444.00			
Comments					APPARENT LOW BIDDER								

